

AMENDMENTS TO THE CLAIMS

In the Claims:

The following listing of claims replaces all prior versions and listings of claims in the application.

Listing of Claims:

1. (Previously Presented) A radio communication system comprising:

a plurality of transmitters each having at least one antenna for transmitting identical signals with same frequency band; and

a receiver for receiving said signals,

wherein said signals being transmitted from said at least one antenna of one transmitter of said plurality of transmitters is delayed an arbitrary delay time so that output power which is different from at least one delay output in the other transmitters is set in each of said plurality of transmitters.

2. (Previously Presented) The radio communication system according to claim 1, wherein when signals are delayed at different arbitrary delay times in respective transmitters, a combination of output powers different from corresponding delay outputs in said other transmitters is set in said respective transmitters.

3. (Previously Presented) The radio communication system according to claim 1, wherein said receiver comprises an equalizer for demodulating a signal transmitted from at least one antenna in each of said transmitters.

4. (Previously Presented) A radio communication system comprising:

a plurality of transmitters each having at least one antenna for transmitting identical signals with the same frequency band; and

a receiver for receiving said signals,

wherein said signals being supplied to the antennas are obtained by differently delaying modulated signals and carrying out weighting synthesization on the signals, at least one of the

delay amount and the weighting factor in each of said transmitters is set to a value different from the other transmitters.

5. (Previously Presented) The radio communication system according to claim 4, wherein said receiver comprises an equalizer for demodulating a signal transmitted from at least one antenna in each of said transmitters.

6. (Currently Amended) A radio communication system comprising:

a transmitter having a plurality of antennas for transmitting identical signals; and

a receiver for receiving said signals,

wherein said signals being supplied to said plurality of antennas are obtained by differently delaying modulated signals and carrying out ~~weighting synthesization~~ amplitude regulation on the signals, and at least one of the delay amount and the ~~weighting factor value~~ of amplitude regulation is set to different values in each of said antennas.

7. (Previously Presented) The radio communication system according to claim 6, wherein said receiver comprises an equalizer for demodulating signals transmitted from said plurality of antennas.

8. (Previously Presented) A transmitter characterized in that in the case where a plurality of transmitters transmit same signals with same frequency band, at least one antenna is provided, and an arbitrary delay is given to said antenna so that an output power which is different from at least one delay output in the other transmitters is set.

9. (Previously Presented) The transmitter according to claim 8, wherein when different delays as the arbitrary delays are given to a plurality of antennas, a combination of output powers which is different from corresponding delay outputs in the other transmitters is set.

10. (Previously Presented) A transmitter characterized in that in the case where a plurality of transmitters transmit same signals with same frequency band, at least one antenna is provided, and signals which are supplied to respective antennas are signals which are obtained by differently delaying modulated signals and carrying out weighting synthesization on

the signals, and at least one of the delay amount and the weighting factor is set to a value different from the other transmitters.

11. (Currently Amended) A transmitter characterized in that where same signals are transmitted from a plurality of antennas, signals being supplied to said antennas are obtained by differently delaying modulated signals and carrying out ~~weighting-synthesis~~ amplitude regulation on the signals, and at least one of the delay amount and the ~~weighting-factor value~~ of amplitude regulation is set to different values in said antennas.

12. (Canceled).